

Samir Atpadkar

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Experienced Computer Engineering graduate and Data Scientist with comprehensive expertise in Python, SQL, Machine Learning, Deep Learning, NLP, Azure Cloud, and Generative AI. Skilled in end-to-end data analytics and model development, with a proven track record of building scalable solutions, optimizing performance, and translating complex datasets into actionable, data-driven insights.

WORK EXPERIENCE

Rudder Analytics, Remote (Pune)

September 2025 – Current

Associate Analyst (AI Engineer) (Agentic AI, LangChain, LangGraph, LangSmith, ML, SARIMAX, MCP, FastMCP, SQL, GCP)

- Contributed to the Fulfil SQL Agent by designing prompts, adding critique and dry-run validation nodes, understanding Fulfil schemas, and improving query visualization.
- Worked on Demand Planning by extracting data from GCP, identifying SKU-wise demand patterns, and determining optimal SARIMAX parameters for accurate forecasting.

Outlier AI (Scale AI), Remote

January 2025 – June 2025

LLM Trainer & Prompt Engineer (Mathematics, AI Ethics, Python, SQL, DBMS, Quality Assurance, Optimization)

- Crafted and optimized mathematics, Python, SQL, ML & DL prompts as a part-time Senior Reviewer at Outlier AI, ensuring alignment with learning objectives and LLM capabilities.
- Evaluated and rated LLM responses, reviewed peer-contributed prompts, and provided detailed feedback to maintain high-quality standards and drive continuous improvement.

India Meteorological Department (Gov. Of India), Pune, India

August 2024 – June 2025

Project and Research Intern (Prophet, Deep Learning, LSTM, TensorFlow, Research, Scikit-Learn)

- Collected and preprocessed twenty years of data from three IMD radiation stations, visualized patterns and seasonality, and analyzed meteorological parameter correlations for forecasting accuracy.
- Validated six machine learning models, including Linear Regression, LSTM, Prophet, to generate station-specific radiation forecasts, optimize hyperparameters, and evaluate yearly, monthly R^2 performance metrics.

TechEnhance, Remote

October 2024 – December 2024

AI/ML Intern (Python, Langchain, Azure, Azure Web App, Astra DB, RAG, Flask)

- Developed and deployed a LangChain chatbot on Azure via CI/CD to process PDF, PPT, and DOCX files.
- Added custom JSON interaction feature, enhancing chatbot's versatility and data handling capabilities

EDUCATION

Bharati Vidyapeeth's College of Engineering Lavale Pune, India

Dec 2021 – June 2025

- Bachelor of Engineering — Computer Engineering (8.7/10)

PROJECTS

Hiring Assistant Chatbot Application (Generative AI, Python, Embedding, Groq, Streamlit)

- Developed an AI-driven chatbot using LLAMA3, generating role-specific interview questions based on user experience. Deployed on Azure with CI/CD via GitHub Actions, achieving 95% accuracy in question relevance.
- GitHub: Hiring Assistant Chatbot | Deployed Azure Link: [Click Here](#)

WhatsApp Chat Analysis (Data Preprocessing, NLP, Regx, Seaborn, Matplotlib, GitHub)

- Developed a WhatsApp Chat Analysis web app, deployed on Render, enabling users to upload chats and access comprehensive chat visualizations, providing insights and analytics at a production level.
- GitHub: WhatsApp Chat Analysis | Deployed Link: [Click Here](#)

TECHNICAL SKILLS

Proficient in: Python, Java, SQL, Data Structures and Algorithms (DSA), Data Analysis, CNN, Azure Cloud, DBMS

Artificial Intelligence: Machine learning, NLP, Deep Learning, LLM, Generative AI, Prompt Engineering, MLOPS.

Tools/Libraries: Git, GitHub, LangGraph, MySQL, TensorFlow, Scikit-Learn, CrewAI, LangChain, Pandas, Keras.

ACHIEVEMENTS

- LeetCode:** Max Rating **1735+** Tackled 300+ DSA problems, Top **10%** globally
- Professional Azure Certified:** Azure Fundamental (**750 score**), Azure AI Fundamental (**928 score**)
- Earned over \$10,000** through prompt engineering, AI training, and freelance AI projects.
- Published an IEEE** research paper focused on Natural Language Processing and Transformer architectures.

CERTIFICATIONS

Azure fundamental (AZ-900) | Azure AI Fundamental (AI-900) | Generative AI (AWS and Udemy) |Machine Learning